UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES Of The Survey Of The Mining Claim Of Western Gold and Uranium, Inc. Known As The Brown Fraction and Brown No. 1 lodes Big Bug Mining D Yavapai County, Arizona Section 15 , Township 13 North , Range 1 F., Gile River Meri Surveyed under order dated June 20 , 19.58 by Richard L. Merritt Mineral Surveyed	
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by Richard L. Merritt Mineral Surve	and Sal
Mineral Surve	
21/2/51 0/0/50	eyor.
Claim located 11/2/51, 2/2/52 , 19	
Survey commenced June 15 , 19 58	
Survey completed August 19 , 19 58	
Western Gold and Uranium, Ind. Address of claimant P. O. Box 158, St. George, Utah	
DATES OF AMENDED LOCATIONS	. 8
June 4, 1958	Di,

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This survey was made with a Gurley transit No. 50962, with horizontal limb 6.25 ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; the eyepiece is equipped with a colored shade set in the dust shutter for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation:

identical with cor. 10. 1,

July 15, 1958, at cor. No. 1 of the Brown No. 1 lode, in latitude 34° 30' 50" N., and longitude 112° 15' 15" W., I made a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from cor. No. 2 of Brown No. 1 lode to the right · to the sun:

Mean time of observation, 105th meridian 9h 30m a.m. standard time Declination of sun at mean time of 21° 32' 10" N. Mean observed vertical angle to sun's center 47° 52' 30". Mean horizontal angle from cor. No. 2 to sun's center . 200 1 49 56! R. C . TO S. 89° 25' 30" E. True bearing of line 1-2

The lines were measured with a Lufkin steel tape, 300 ft. in length, graduated every foot, the first and last foot being graduated to tenths and hundredths. The tape was compared with a Lufkin standard tape at the time of beginning the survey and found correct. . 1021

Troin Traction loc

59.00 Cor. No. 4.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 15° E acq a , no stool s. i ho . roo

Survey No. 4451

BROWN NO. 1 LODE . C. C 11 . . .

At cor. No. 1 of the Brown No. 1 lode.

of stend; discover, point scars

13 ins. in the rund,

ence 1. 39° 25' 30

Set a granite stone, 24x14x5 ins., 13 ins. in the ground, mkd. X B -1-1-4451, from which

The cor. of secs. 9, 10, 15 and 16, To 13 N., R. 1 E., Gila and Salt River Meridian, bears N. 89° 25 30" W., 69.22 ft. dist.; an iron post, 2 ins. diam., 18 ins. above ground, mkd. and witnessed as described in the official record.

A cor. of the location, a post 4x4 ins., 4,5 ft. long, in a mound of stone, bears N. 13° 34' W., 19.56 ft.

Thence S. 89° 25! 30" E. ILM . -1

U. S. GOVERNMENT PRINTING OFFICE 16-28520-2

Mineral Survey No. 4451

		mineral Survey No. 3431
T	194717177	
	*CHX#EX	Feet This our o, was made with a burie; transit No. 1000i, with
240	75 00	Center of wash, 10 ft wide, course S. 50° E.
373	we vernie	vertical circle 5 ths. Stam., maying one double verniler;
	5308.Q0	Lode line, identical with a cor. of the location, a post 4x4 ins.,
	nogu and	4.5 ft long, in a mound of stone; discovery point bears S. 13° 42'
	0 1 70 6	W., 250.0 ft. dist. boo ni saw themself of the of
		.sur è, and all'ad ustments were in ood order.
	32/ 00	Genter of road, bears N. 78° 00' W. and S. 78° 00' E.
		. Il saimutes in this record were determined by the method
	504 00	Fence, bears N. 13° W. and S. 13° E. berrener reline noit
	200.00	
		observation:
		Cor. No. 2, identical with cor. No. 1, Brown Fraction lode of this
	atitude	Tuly 15, 1950, at cor. No. 1 of the Brown No. 1 1. veyrus
196	lo solus	34 30' 50' M., and longitude 112° 15' 15' M., I made a se
	Tennerinear	Set a granite stone, 24x12x6 ins., 13 ins. in the ground, mkd. X B
	but the	11-2, B.E.1. 445b, from which earn, als result despe
100	whose he	reversed positions, observing opposite limbs of the sun,
		A cor. of the locations, a post 4x4 ins., 4.5 ft. long, in a
1311	II and of	mound of stone, bears N. 24° 02' 30" E., 4.4 ft. dist.
		mound of stone, bears N. 24 02 50 E., 4,7 10 groge.
1		m
34 13		Mean tiene \$ 24° 22' 30" Weis mean
	in.	standard thic
3		Center of road, bears N. 66° W. and S. 66° E.
	. 14 10.	'sg. 19 Jack to the same of th
	251.83	Center of wash, 10 ft. wide, course N 85° E. company
	Hall Light Service	con orthonial am le from cor. No. 2 co
	407.83	Northwest cor. of Extension #2 lode, unsurveyed:
1		True bearin of line 1-2
	659.98	Cor. No. 4 Brown Fraction lode of this survey.
		The lines were measured with a Luimin steel cape, 500 mt.
c	1/52 00	JI 000 , 500 I 500 MINITED TO THE POLICE OF
	1453.00	Fence, bears N. 52E. and Stis W: tock reve boundary
D	rabnade n.	tent s and andredtes. The tape as compared wit a Lufa.
	1507.68	Gor. No. 3 on W. line Extension #2 lode, cunsurveyed.
	bordom 1	Set a granite stone, 24x10x6 ins., 13 ins. in the ground, mkd. X B
		1-3, 4451, from which
	TVe, ive	The public decile decile observed at each corner of the or
		A cor. of the location, a post 4x4 ins., 4.5 ft. long, in a mound
		of stone, bears S. 50° E., 7.5 ft. dist.
		Thence N. 89° 25' 30" W.
		Survey No. 4451 States and Survey No. 4451
	20 00	Lode line, identical with a cor. of the location, a post 4x4 ins.,
	23.33	4.5 ft. long, in a mound of stone; discovery point bears N. 13° 42'
		E., 1169.90 ft. dist. Of Stone, discovery point bears in is
		E., 1109.90 11.0dist.
SE TE	59.00	Cor. No. 4. lod cor. No. 1 lode At cor. No. 4.
	d L bolm	Set a granite stone 24x12x5 ins., 13 ins. in the ground, mkd. X B
		1-4, 4451, from which
	E PLANTS	
	bms sill	. A cor. of the location, a post 4x4 ins., 4.5 ft; long, in a
100	dist.;	mound of stone, bears S. 229W., 6.3 ft. dist.
	and wit-	cm for pose, ins. diam., l ins. above ground, and.
-		. Laccor LairThence N. 10° 29' 130'5 W. b bousen
	1108.00	Cor. of c e location, a post exe ins., 4.2 .60 lrob,
	1100.00	mornu of stone, bears N. 137 34' N., 19.56 ft.
		Set a granite stone, 24x12x4 ins., 13 ins. in the ground, mkd. X B
		1-5, 4451, from which
		I-J' ++JI' . FIOM MITCH
1	- (- 8- 84)	
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	Production of	

Mineral Survey No. 4451

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	Khaka Feet	A cor, of the location, a post 4x4 ins., 4.5 ft. long, in a mound of stone, bears N. 4° 23' W., 76.20 ft. dist.
	201.8	Fence, bears N. 87° E. and S. 87° W.
	282.427	Cor. No. 1 and place of beginning. .boco. unsurvered
		Ob.10 Center of wash, 10 ft. wide, course M. 85° s. Short Month State of the state
		Beginning at cor. No. 1 of the Brown Fraction lode, identical with cor. No. 2, Brown No. 1 lode of this survey, from which
		The cor. of secs. 9, 10, 15 and 16, T. 13 N., R. 1 E., Gila and Salt River Meridian, bears N. 89° 25' 30" W., 685.26 ft. dist.
	Acres	Thence S. 89° 25' 30" E.
	88.00	Fence, bears N. 14° W. and S. 15° E our Front Foots for the state of t
	325.93	Lode line, identical with a monument of the location, a post 4x4 ins., 4.5 ft. long, in a mound of stone; discovery point bears S. 24° 02' 30" W., 60.0 ft. dist.
1	.651.86 _E	Cor. No. 200 And one to And out of the land severe while
	¥	Set a granite stone, 26x16x6 ins., 14 ins. in the ground, mkd. X B F 2 - 4451, from which
O.	.s made û in said):	A cor. of the location, a post 4x4cins., 4.5 ft. long, bears N. 31 E., 7.4 ft. dist. and the constraint of the constrai
1 -1	312.00	Teo. 1 The discovery point of the No. 1 lole on the local Fence, bears N. and S. and S 100 ft
	476.00	Center of road, bears S. 60° E. and N. 60° W.
10	543.00	Center of wash, course S. 60° E. 1. oh nacre sal to 1. oh
		Cor. No. 3, identical with NE. cor. Extension #2 lode, unsurveyed, and cor. of the location.
X	our jine	Set a granite stone, 24x14x8 ins., 13 ins. in the ground, mkd. X B F 3-4451, from which
9		Rebuilt location monument, a post, 4x4 ins., 4.5 ft. long, in a mound of stone, bears S. 55° E., 6.5 ft. dist.
	Ha cor. W	Thence N. 106. 25, 28
		Lode line, identical with a monument of the location, a post 4x4 ins., 4.5 ft. long, in a mound of stone; discovery point bears N. 24° 02' 30" E., 599.93 ft. dist.
	651.86	Cor. No. 4 on W. line extension #2 lode, unsurveyed.
(a)	overent: i is surv lon orner ird ince i lire in	Five landred collers or over has been expended in this impound a manner as cends to the development of each lode of subsequent to its location and to the time since which can contain the contained in the provided to each or acid lode and the its state is every exemised to each or acid lode and est apportioned to the other stated lode of the common est

	Feet at	Set a granite stone, 24x10x8 ins., 13 ins. in the ground, F 4 4451, from which	mkd. X B
		A cor. of the location, a post 4x4 ins., 4.5 ft. long, mound of stone, bears S. 29° W., 6.3 ft. dist.	
		Thence N. 24° 02' 30" E. Cor. No. 1 and place or beginning.	282.27
	252.10	NW. cor. Extension #2 lode, unsurveyed.	
	408.10	Center of wash, 10 ft. wide, course N. 85° E.	
	dity Iso	Center of road, bears N. 66° W. and S. 66° E.	
3	659.93	Cor. No. Mand place of beginning	
	bus silo dist	Te cor. of accs. 9, 10, 15 and 1 , T. 13 M., M. 1 M., sait Miver remain, bears M. 39 25 30 M., 508.20 An	
H		Cance S. 89° 25' 30' s.	
		Total area, Brown No. 1 lode Total area, Brown Fraction lode World Area (some)	Acres 11.595 9.059
. 6	at AssA in	Area in conflict with Extension #2. lode, unsurveyed a dilu factional conil about	21.730
	. 24° 02'	4.5 ft. lon , in a mound of stone; discovery point boars 3	
	a X .55km	This survey is located in the NW% of the NW% sec. 15, T. 1 Gila and Salt River Meridian, Yavapai County, Arizona. (BRUCT S. M. ARIZONA (BRUCE STANDER) & 200 EXPENDITURES 1021 (1044 - 2.1)	.3 N: R. 1 E
	bears M.	The improvements and the value of the labor and improvement or for the benefit of each of the lode locations embraced mining claim by the claimant or its grantors are as follows	in said
	No. 1	The discovery point of the Brown No. 1 lode is on the lode 13° 42' W., 250 ft. from a point on line 1-2, 308 ft. from No value.	cor. No. 1.
	No. 2	A trench, the N. end of which bears S. 56° 54' E., 261.8 f No. 1 of the Brown No. 1 lode, 14 ft. wide, 1.5 ft. deep,	t. from cor.
	urve/cd,	S. 20° W., 93 ft. dist. value, \$270 it noise. No. 200 with Value, \$270 it noise with No. 200 with Value, \$270 it noise with No. 200	659.93
	No. 1	The discovery point of the Brown Fraction lode is on the 1 ft. from the center of line 1-2. No value.	ode line 60
	No. 2	An interest in a common improvement described as follows:	
		A shaft, the center of which bears S. 0° 30' E., 62 ft. fr 1 of the Brown Fraction lode, 4x8 ft., 456 ft. deep. Value, \$22,800.	
0	st And care M. I	Value of one-third interest, \$7,600.	325.93
		This improvement is in course of construction for the two survey, and the Brown No. 2 lode, unsurveyed, which are allode claims owned in common, within the range of benefit of	1 contiguous
		Five hundred dollars or over has been expended in this imp such a manner as tends to the development of each lode of subsequent to its location and to the time since which com and contiguity have prevailed; therefore an undivided one-t in its value is hereby credited to each of said lodes and est apportioned to the other stated lode of the common gro	this survey mon ownership hird interes a like inter

Chefra

Feet

OTHER IMPROVEMENTS

A shed, the NW. cor. of which bears S. 45° W., 54.4 ft. from cor. No. 2 of the Brown No. 1 lode, 12x14 ft.; long sides bear N. Claimant herein.

A shed, the NW. cor. of which bears S. 24° 02' 30" W., 87 ft. from cor. No. 1 of the Brown Fraction lode, 20x16 ft.; long sides bear S. 66° E.

Claimant herein.

A shed, the NE. cor. of which bears S. 80° W., 286 ft. from the center of line 1-2 Brown Fraction lode, 18x14 ft.; long sides bears S. 85° E. Claimant herein.

A shed, the NE. cor. of which bears S. 68° W., 270 ft. from the center of line 1-2 Brown Fraction lode, 16.5x16 ft.; long sides bear N. 20° 30' E.

Claimant herein.

A bunk house, the NE. cor. of which bears S. 55° 30' W., 274 ft. from the center of line 1-2 Brown Fraction lode, 11x44 ft.; long sides bear N. 58° W.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

The NE., NW. and SE. cors. of Extension #2 lode are posts, 4x4 ins., 4.5 ft. long, in mounds of stone.

The course of the section line from the NW. cor. sec. 15 to the N. & sec. cor. of sec. 15 was found to be S. 89° 25' 30" E., instead of S. 89° 21' E., as shown on the official plat.

The course of the section line from the NW. cor. sec. 15 to the W. 2 sec. cor. of sec. 15 was found to be S. 0° 29' 30" E., instead of S. 0° 20' E., as shown on the official plat.

FIELD ASSISTANTS

Name

Capacity

J. B. Sarvis Keith Bunn

Chainman Chainman

D. S. GOVERNMENT PRINTING OFFICE 16—28520—2

Chains	IMPROVINENTS	MRUTU		Lee:
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w., 87 ft. from	bears 3. 24° 02' 30" on lode, 20x10 fc.; 1	or the Brown Fracti	COT. NO. 1	
		C horein.	misit.	
	bears 5. 00° W., 2.0's 1 x14 ft.; lon sides		rine, T-5 ?	
it. from the conter sides sear M. A)°	bears S. o' W., 230 se, 10.5xin Et.; lon. s	d From Praction 15d	-1 om 1 10 L-	
		t poyein.	Cluiman	
W., 274 rc. from	water beers \$. 55° 30 raction lode, llu(4 r	of line I-2 Brown P	A bunt rout the Jenser Dest N. J.	
MTAC J	TIONS AND STREETENTAL	CTREE, CORDEL DESCRIP		
Posts, And ins.,	Extension #2 Lode are ne.	N. and SE. core. of n., in mounds of ato	The NB.; if	
c. 15 to the N. t Z., instead of	from the mt. cor. secto be S. 69 25 304 official plat.	of the section line of sec. 15 was found 's., as storn on the	sec. epr.	
s. 15 to the W. & instead of	from the Mw. cor. sec to be 5. 0° 25' 30" I official plat.	or the section line of sec. 15 has found in a shown on the	Sec. COF.	
	ASSISTANTS V	TILD		
Capacity			squil	
Chailman Chailman			J. P. Serv Keich Dunn	

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

CERTIFICATE	OF	SURVEYOR	

T. No. 13 N., R. No. 1 E. , Gila and Salt River Meridian, Arizona , and (State) designated as Survey No. 4451 , which is represented in the foregoing field notes as having been
Office of Cadastral Engineer , at Phoenix, Arizona dated June 20th, 1958, I have faithfully and correctly executed the survey of the mining claim of Western Gold and Uranium, Inc. known as the Brown Fraction and Brown No. 1 lodes
dated
dated
known as the
situate in
T. No. 13 No. 1 E. Gila and Salt River Meridian, Arizona , and designated as Survey No. 4451 , which is represented in the foregoing field notes as having been
designated as Survey No
designated as Survey No. 4451, which is represented in the foregoing field notes as having been
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manne described in the foregoing field notes, and I do further certify that the labor expended and improvements mad
upon or for the benefit of the location (s) embraced in the said mining claim by (Lode or placer)
claimant(s) orits grantors are fully stated in my report therein, and that the character extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.
Prescott, Arizona Prescott, Arizona (Place) Prescott, Arizona (Mineral Surveyor)
CERTIFICATE OF APPROVAL Bureau of Land Management-Survey Office
(Office)
Phoenix, Arizona March 12, 19.59 (Place) (Date) The foregoing field notes of mineral survey No. 4451, in Sec. 15
T. 13 N. , R. 1 E. , Gila and Salt River Meridian
Arizona executed by Richard L. Merritt
under order dated <u>May 13, 1958</u> , amended 6-20-58, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.
Lester S. Mann
Office Cadastral Engineer
(Title)
CERTIFICATE OF TRANSCRIPT
I CERTIFY that the foregoing transcript of field notes of the above described mineral survey Nos a true copy of the original field notes.

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